

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-212499

(43)Date of publication of application : 06.08.1999

(51)Int.Cl. G09F 9/37

(21)Application number : 10-011219

(71)Applicant : CANON INC

(22)Date of filing : 23.01.1998

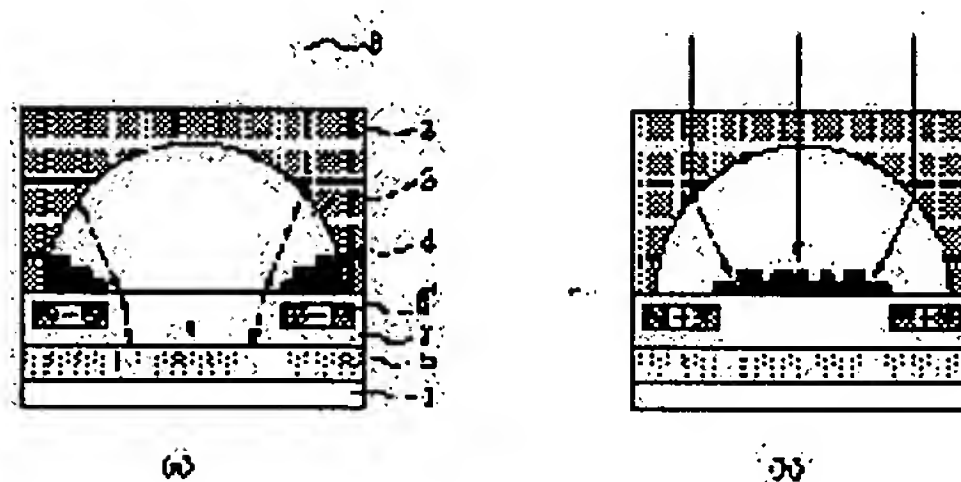
(72)Inventor : IKEDA TSUTOMU
YAGI TAKAYUKI

(54) ELECTROPHORESIS DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an electrophoresis display device which improves the light use efficiency to have a high contrast by arranging a first electrode in the center of a first substrate and arranging a second electrode in an end part of the first substrate and forming the internal surface of a second substrate into such shape that light is condensed on the center part of the first substrate.

SOLUTION: The electrophoresis display device is provided with a first electrode 5, a second electrode 6 to which a voltage different from that of the first electrode is applied, plural colored and electrically charged migrating particles 4 which are moved between the first electrode and the second electrode, a first substrate 1, a second substrate 2 arranged so as to face the first substrate 1, and transparent insulating liquid 3 which is filled between the first substrate and the second substrate and holds plural colored and electrically charged migrating particles 4. In this electrophoresis display device, the first electrode 5 is arranged in the center of the first substrate 1, and the second electrode 6 is arranged in an end part of the first substrate 1, and the internal surface of the second substrate 2 has such shape that light is condensed on the center part of the first substrate 1.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office